

Title (en)

Friction lining wear sensor and procedure for the detection of wear by such a sensor

Title (de)

Verschleissensor für einen Reibbelag sowie Verfahren zur Verschleissmessung mit einem solchen Sensor

Title (fr)

Détecteur d'usure de garniture de friction, et procédé de détection d'usure pour un tel dispositif

Publication

EP 1243808 B1 20090114 (FR)

Application

EP 02290713 A 20020321

Priority

FR 0104052 A 20010323

Abstract (en)

[origin: EP1243808A1] Wear on a disk pad (1) which is applied to a brake disk (2) is detected by an optical insert (4) which has an active face (40) and is embedded within the pad. The insert is fixed to the pad by a bracket (9) and connected to a light source and light detector by an optical guide or fibre (52). When the pad has worn to a safe limit (E) light from the source is reflected to the detector and signaled. An independent claim is also included for the method of detecting disk brake wear by measurement of optical density.

IPC 8 full level

F16D 66/02 (2006.01)

CPC (source: EP)

F16D 66/027 (2013.01); **F16D 66/028** (2013.01)

Cited by

CN114593167A; DE102012013955B4; CN111765188A; US2011037983A1; US2013299284A1; US9206870B2; IT201900008874A1; US12044281B2; WO2020250146A1

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DOCDB simple family (publication)

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